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11000 U.S. PTO  
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04/05/01

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D. C. 20231

Enclosed herewith for filing is the following utility patent application.

Applicants: **Gong Gu, Robert Malkemes**

Title of application: **COMMUTATING IMAGE-REJECT MIXER**

Pages of specification: 18 (+ 5 pages of claims and  
1 page abstract)

Sheets of drawings: 7 - informal

Executed on: \_\_\_\_\_ Docket No.: **SAR 13995**

| PATENT APPLICATION FILING FEE CALCULATION  |                  |             |                   |                   |
|--|------------------|-------------|-------------------|-------------------|
|  | <u>No. Filed</u> | <u>Less</u> | <u>Rate/Claim</u> | <u>Fee</u>        |
| Total Claims   | 20               | -20         | 0 x \$ 18.00      | <u>\$ 0.00</u>    |
| Independent Claims   | 4                | -3          | 1 x \$ 80.00      | <u>\$ 80.00</u>   |
| Minimum Filing Fee   |                  |             |                   | \$ 710.00         |
| Multiple Dependency Fee<br>(if applicable - \$270.00)  |                  |             |                   | <u>\$ _____</u>   |
| 50% Reduction for Small Entity<br>(Independent Inventor, Non-profit<br>Corporation, or Small Business<br>Concern) - appropriate<br>verified statement attached |                  |             |                   | - <u>\$ _____</u> |
| TOTAL FILING FEE   |                  |             |                   | <u>\$790.00</u>   |

Kindly charge the entire and/or any additional filing fee, as appropriate, to deposit account number 04-0203. To facilitate that charge, a duplicate copy of this letter is enclosed herewith

Kindly send all correspondence relating to this application to the following address having a Customer number: **28166**

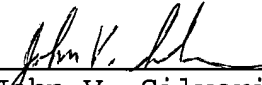
Thomason, Moser and Patterson LLP  
595 Shrewsbury Avenue, Suite 100  
Shrewsbury, NJ 07702

Also enclosed herewith for filing in connection with the enclosed application are:

☐ Oath;  
☒ Declaration and Power of Attorney;  
☐ Disclosure Statement;  
☐ Letter referencing previously filed disclosure document; number \_\_\_\_\_ filed \_\_\_\_\_;  
☒ Verified Statement claiming small entity status;  
☒ An assignment of the application to:  
Sarnoff Corporation;  
☐ Claim(s) to priority - U.S. Provisional Application  
Serial Number \_\_\_\_\_ Filing date \_\_\_\_\_  
☐ A certified copy of a \_\_\_\_\_ patent application or inventor's certificate, filed \_\_\_\_\_ and serial no. \_\_\_\_\_, upon which a claim to priority is made;  
☐ Other: \_\_\_\_\_

Respectfully submitted,

4/4/01

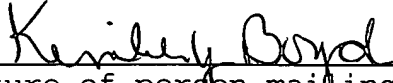
  
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\*\*\*EXPRESS MAIL CERTIFICATION\*\*\*

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I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

  
Signature of person mailing paper or fee

Kimberly Boyd  
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